
Class Title: Environmental Health Specialist II
Organizations/Work Settings: Department of Environmental Quality

Class Code: 37215
Class Established: 08/22/88
Revised:
Pay Grade: 19

WORK DESCRIPTION:

Independently performs professional level environmental control work involving data analysis/evaluation necessary to facilitate making recommendations/decisions regarding compliance monitoring, environmental regulation enforcement, and related pollution control activities.

WORK CONDITIONS:

Facility inspections and field sampling necessitate exposure to variable weather conditions and occasionally to hazardous materials/conditions.

SUPERVISION:

Works under general supervision of program supervisor. Work is reviewed upon completion to ensure compliance with program procedures/regulations, State and Federal laws, and accepted scientific methodology.

KNOWLEDGES APPLIED:

Knowledge of chemistry, biochemistry, environmental engineering, and/or related environmental sciences.

Knowledge of instruments/equipment used in collecting environmental pollution data/samples.

Knowledge of instruments/equipment, including personal computers, used in analyzing/evaluating environmental pollution data/samples.

Knowledge of Arizona environmental control statutes.

Knowledge of Federal environmental control laws, regulations and programs.

Knowledge of Arizona environmental control regulations and programs.

WORK RESULTS/PRODUCTS:

Analysis/evaluation of environmental control data; completed inspections/investigations of regulated facilities/operations; various permits issued/denied; decisions regarding compliance with State of Arizona environmental control laws, rules, and regulations.

RESPONSIBILITY:

For issuing various permits; determining degree of compliance with State laws, rules, and regulations; collecting, analyzing, and evaluating economic/scientific environmental control data/information and pollution samples.

AUTHORITY:

Independent decision making, within program rules/regulations and State law, on day-to-day environmental control activities. Decisions effecting program policy and/or interpretation of laws, rules, and regulations are cleared through supervisor.

SKILLS APPLIED:

Skill in analyzing/evaluating economic/scientific environmental control data/information.

Skill in applying the scientific method in collecting/preserving field samples.

Skill in conducting site inspections and/or field investigations.

Skill in interacting with agency staff, the regulated public, and other governmental environmental regulatory officials to obtain necessary information and/or resolve problems.

Skill in preparing narrative and/or statistical reports that include conclusions and/or recommendations.

WORK ACTIVITIES (Characteristic Tasks) - MAJOR and minor:

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RESEARCHES/COMPILES AND ANALYZES ECONOMIC AND/OR SCIENTIFIC DATA RELATED TO THE EFFECTS OF POLLUTION ON HEALTH, VEGETATION, WILDLIFE, AND THE GEOGRAPHY OF THE STATE.

Issues or denies environmental permits.

Maintains records and prepares technical reports.

EVALUATES COMPUTERIZED POLLUTION MODELS, SETS UP AND APPLIES THE MODELS, AND INTERPRETS THE RESULTS.

Provides technical assistance to State and local government agencies and private industry.

APPEARS AS EXPERT WITNESS IN COURT.

Performs related work as required.

DEVELOPS POLLUTION DISPERSION STUDIES AND FORECASTING SYSTEMS AND DETERMINES STUDY METHODOLOGY AND IMPLEMENTATION STRATEGY.

MONITORS COMPLIANCE TESTING OF POLLUTION SOURCES AND SPECIFIES ACCEPTABLE TEST METHODS.

INSPECTS/INVESTIGATES REGULATED FACILITIES/OPERATIONS FOR COMPLIANCE.

MINIMUM QUALIFICATIONS:

One year as an Environmental Health Specialist I; OR two years of environmental protection/control experience at a professional level involving responsibility for analysis of environmental data, problem identification/resolution, and/or recommendation of courses of action. Thirty semester hours of graduate level coursework in chemistry, biology, microbiology, or closely related environmental science may substitute for one year only of the professional level experience.

Special Selection Factors:

None.